dbGaP Study Release Notes

Release Notes for NHLBI TOPMed WGS miRhythm, phs001434.v2.p1
"NHLBI TOPMed: Defining the Time-Dependent Genetic and Transcriptomic Responses to Cardiac Injury Among Patients with Arrhythmias"

For any questions or comments, please contact: dbgap-help@ncbi.nlm.nih.gov.

February	14, 2020	Version 1 Data set release date
July	19, 2021	Version 2 Data set release date

2021-07-19
Version 2 Data set release for NHLBI TOPMed WGS miRhythm now available

This release includes the addition of Freeze 9 whole genome sequences (WGS) and corresponding VCFs. The study name has been changed from "*NHLBI TOPMed: University of Massachusetts Medical School (UMMS) miRhythm Study*" to "*NHLBI TOPMed: Defining the Time-Dependent Genetic and Transcriptomic Responses to Cardiac Injury Among Patients with Arrhythmias.*" Please refer to the latest study configuration report for a detailed description of each download component.

Consent group 1 (c1): General Research Use (GRU)

Data Type	subjects	samples
Phenotype	65	65
Seq_DNA_SNP_CNV (VCFs)	65	65
WGS	65	65

For a description of SAMPLE_USE terms, please see:
https://www.ncbi.nlm.nih.gov/projects/gap/submission/GetSampleUseTypes.cgi

Study and Phenotype Data Updates

1. **New Study Accession**

   NHLBI TOPMed WGS miRhythm version 1 phs001434.v1.p1 has been updated to version 2. The dbGaP accession for the current set of data is **phs001434.v2.p1**. The participant number (p#) has not changed in version 2. No new subjects have been added to this study.

2. There are no updates to the phenotype datasets.

Molecular Data Updates

1. The molecular data is accessioned under phg001599.v1. Please see "sample-info" component for genotyped samples, consent status, and sample-file mapping.
2. There is genotyping data from 65 samples and data is in vcf 4.2 format. It is packed into a folder called "phg001599.v1.TOPMed_WGS_miRhythm_v2_frz9.genotype-calls-vcf.WGS_markerset_grc38.c1.GRU.tar.gz".
3. The submitter provided QC files for this dataset are in the folder "phg001599.v1.TOPMed_WGS_miRhythm_v2_frz9.genotype-qc.MULTI.tar.gz".

phg001339.v1	Freeze 8
phg001599.v1	Freeze 9

dbGaP Study Release Notes

Authorized Access (Individual Level Data)

Individual level data are available for download through the dbGaP Authorized Access System upon approval of the Data Access Request (DAR):

- https://dbgap.ncbi.nlm.nih.gov/aa/wga.cgi?login=&page=login

Public FTP site (Summary Level Data Only)

All data tables, data dictionaries, and documents will be housed under one directory for ease of downloading. The data_dict filenames have an added study version number (phs#.v#) and deleted participant set number (p#) from the table accession (pht#.v#). The var_report filenames have an added study version number (phs#.v#). In the var_report files, variables contain version numbers (phv#.v#) and summaries were created for each consent group (c#). These FTP files are available at:

- https://ftp.ncbi.nlm.nih.gov/dbgap/studies/phs001434/phs001434.v2.p1

2020-02-14
Version 1 Data set release for NHLBI TOPMed WGS miRhythm now available

This release includes the addition of Freeze 8 whole genome sequences (WGS) brokered through the Sequence Read Archive (SRA), and VCFs derived from WGS. Please refer to the latest study configuration report for a detailed description of each download component.

Consent group 1 (c1): General Research Use (GRU)

Data Type	subjects	samples
Phenotype	65	65
Seq_DNA_SNP_CNV (VCFs)	65	65
WGS*	65	65

*These data are brokered through the Sequence Read Archive (SRA). Please see Authorized Access instructions below.
For a description of non-SRA SAMPLE_USE terms, please see:
https://www.ncbi.nlm.nih.gov/projects/gap/submission/GetSampleUseTypes.cgi

Molecular Data

1. The molecular data is accessioned under phg001339.v1. Please see "sample-info" component for genotyped samples, consent status and sample-file mapping.
2. There is genotyping data from 65 samples and data is in vcf 4.2 format. It is packed into a folder called "phg001339.v1.TOPMed_WGS_miRhythm.genotype-calls-vcf.WGS_markerset_grc38.c1.GRU.tar.gz".
3. The submitter provided QC files for this dataset are in the folder "phg001339.v1.TOPMed_WGS_miRhythm.genotype-qc.MULTI.tar.gz".

Authorized Access (Individual Level Data and SRA Data)

Individual level data and Sequence Read Archive (SRA) data are available for download through the dbGaP Authorized Access System upon approval of the Data Access Request (DAR):

- https://dbgap.ncbi.nlm.nih.gov/aa/wga.cgi?login=&page=login

Public FTP site (Summary Level Data Only)

All data tables, data dictionaries, and documents will be housed under one directory for ease of downloading. The data_dict filenames have an added study version number (phs#.v#) and deleted participant set number (p#) from the table accession (pht#.v#). The var_report filenames have an added study version number (phs#.v#). In the var_report files, variables contain version numbers (phv#.v#) and summaries were created for each consent group (c#). These FTP files are available at:

- https://ftp.ncbi.nlm.nih.gov/dbgap/studies/phs001434/phs001434.v1.p1